

#### 4. Pibal Timer Controller Cable Disconnect

##### General

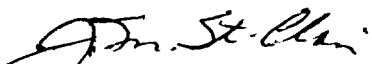
##### 1. Summary:

When Modification Note 3, Pibal Timer Controller, was installed, it was not intended that a permanent installation of the signal line cable (the connection between the Remote Control Unit (RCU) and the Pibal Timer Controller or the Data Control Assembly (DCA) and the Pibal Timer Controller) be made. Upper Air sites that made the permanent cable installation are advised to disconnect the signal line cable when not taking optical comparisons. A lightning strike to a permanently installed signal line cable could cause damage to components (as there are no data line protection devices for these two points) on either the A6 Retransmitter card in the Master Control Unit (MCU) or the A3 Control card in the RCU.

##### 2. Effect on Other Instructions: None.

##### Procedure

Disconnect the Pibal Timer Controller (Amphenol MS 3106A-12S-3S) cable connector from the RCU enclosure or the DCA cabinet. To protect the Pibal Timer Controller itself, unplug the AC power cord and disconnect the signal line cable from the red and black binding posts.



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